

Meeting Notes

October 5, 2017

What was discussed:

- **Snapshot Day 10/10 – Next Tuesday**
 - Reason for project
 - Learnings
 - Make it visual
 - Bring all photos and designs that we have made
- Jacob and Quinn brought new design for casing
 - Thoughts:
 - Work to do sketching to save time
 - Bolts to fasten internal boards?
 - Little pillars could work
- Alex brought designs for app interface
 - Bring designs to therapist to look at options and see if it looks doable
 - Get functionality done first and then work on fancier stuff later
- Resolution of 3D Printers?
 - Would need ABS to do the acetone bath
 - Layer thickness of .2 looks good and doesn't take too long
 - If there is any sort of overhang or something, there isn't great support to hold it
- Ruth found article that will be more useful and relevant
 - Looking to work out math section – work with math professor
- Colton found option for wrist sensor
 - Wireless + better data
 - Sliding/rotating???
 - Still do brace for upper band and then allow second sensor to be wireless and not attached?
- Still need straps and brace...
 - Easy to get locally
- Thoughts from Dr. Perry
 - Already half way through semester – begin prototyping

TO DO before next meeting:

- Snapshot day
 - In room GJ 108
 - Requirements
 - Research
- Quinn – case drawings
- Jacob – case drawings
- Matthew - App drawings and finite state machine

- Alex – App drawings
- Ruth –
 - Title
 - Problem/Issue at hand
 - Mission Statement
 - Schedule for completion
 - Requirements

To do before 10/12

- Designs finalized – meet separately to design wrist casing, upper arm, and harness

Agenda for Next Meeting:

Date: Tuesday, October 10, 2017

Time: 2:30 pm

Place: Think Tank Room A

1. Put together everything for Snapshot Day 1

Then on Thursday, 10/12

1. Pick final designs to begin building